

INDRA SHOWCASES ITS CROW SYSTEM'S ABILITY TO THWART COMPLEX DRONE SWARM ATTACKS

- **During NATO exercises, Indra's system dealt with attacks by drones modified to make them difficult to neutralize that acted in swarms in a coordinated way.**
- **Crow's command and control system, the real brain of the solution, was integrated into 27 sensors and effectors made by different manufacturers across Europe.**
- **The company also unveiled a new state-of-the-art radio frequency sensor capable of scanning the airspace for drones, thereby broadening the array of radars, electro-optical and electronic defence systems used by Crow.**

Madrid, October 24, 2024.- During the Anti-Drone Interoperability Exercises (TIE24) organized by the NATO Communications and Information Agency (NCIA), Indra demonstrated the ability of its Crow anti-drone system to interoperate with all kinds of systems and adapt to each mission and type of attack, including those in which swarms of drones modified to resist countermeasures are used.

Given the wide range of settings and different types of drones in existence, the most advanced armies are searching for anti-drone systems that can adapt to each specific mission and scenario in a flexible manner. With this premise in mind, Crow's command and control system demonstrated its ability to integrate with 27 sensors and effectors made by different manufacturers in Europe during these exercises, the most important ones organized by NATO held in September in the Netherlands.

The system used the new NATO interoperability standard (C-UAS AEDP-4869), previously known as SAPIENT, which can integrate all kinds of technologies in an extremely simple way, almost as if it were a plug and play device.

Indra took part in it during the "blind" exercises, known as the Performance Challenge, with which NATO sought to validate the new interoperability standard that should ensure that the technologies of the allied countries can be combined to constantly guarantee the most advanced anti-drone solution.

Juan López Campos, Indra's head of the solution, explained that "Crow's command and control system provides each army with complete freedom to configure the system to best meet its needs. The solution is capable of operating in combination with the command and control systems of other allied countries, while it can also be integrated into the future combat cloud".

Another important benefit of Indra's system is its high degree of usability. In fact, Crow was used by military operators who had no previous training in operating it without any problems arising.

Scanning the sky

During the exercises, Indra also tried out its new radio frequency sensor as part of the specific tests carried out by the study group of the Unmanned Aerial Systems Detection and Classification by Radio Frequency (NATO SET-204) project. This system also used the new NATO interoperability standard to integrate with other command and control systems.

This is the latest sensor to be incorporated into Indra's existing range of systems, which include state-of-the-art radars, electro-optical systems, radio frequency systems and jammers (systems that interfere with signals).

The Spanish Air Force has used Indra's Crow system during real missions, including the one carried out in Mali. Other State Security Forces and Corps have employed it to protect the airspace at major international conventions and events.

About Indra

Indra is a leading Spanish multinational and one of the foremost global defence, air traffic and space companies that, through technology, protects our current way of life and anticipates the needs of the future. Its committed team of experts,

its in-depth knowledge of the business and the latest technologies, and its unique innovation and systems integration capabilities make it the trusted technology partner for key operations and digitalization for its customers around the world. Thanks to its leadership in major European programs and projects, as well as its spirit of collaboration and partnership strategy, it drives the industrial and innovative ecosystem in these sectors.

About Indra Group

Indra Group is a holding company that fosters technological progress. It is made up of Indra, one of the leading global defense, air traffic and space companies, and Minsait, a leader of the digital transformation and information technologies in Spain and Latin America. Indra Group paves the way to a safer and better-connected future through innovative solutions, trusted relationships and the very best talent. Sustainability is an integral part of its strategy and culture in order to overcome current and future social and environmental challenges. In the 2023 financial year, Indra Group posted revenues totaling €4.343 billion, with more than 57,000 employees, a local presence in 46 countries and business operations in over 140 countries.

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